

(FILE 'HOME' ENTERED AT 06:46:49 ON 09 MAY 2007)



FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 06:47:21 ON 09 MAY 2007

L1 58747 S SALE?/AU OR NEUBERGER?/AU OR CUMBERS?/AU
L2 201 S L1 AND HYPERMUT?
L3 72 DUP REM L2 (129 DUPLICATES REMOVED)
L4 8711 S HYPERMUT?
L5 472 S L4(S)RATE
L6 164 DUP REM L5 (308 DUPLICATES REMOVED)
L7 15 S CONSTITUTIVE(S)HYPERMUT?
L8 9 DUP REM L7 (6 DUPLICATES REMOVED)
L9 1685 S (V(3A)GENE) (S) (C(3A)GENE).
L10 31 S L9 AND HYPERMUT?
L11 17 DUP REM L10 (14 DUPLICATES REMOVED)
L12 10 S L9 AND (MUTATION(3A)RATE)
L13 4 DUP REM L12 (6 DUPLICATES REMOVED)
L14 94 S B CELL(S) (?MUTATION(3A)RATE)
L15 44 DUP REM L14 (50 DUPLICATES REMOVED)
L16 4659 S SOMATIC HYPERMUTATION
L17 3101 S L16 AND B CELL
L18 103 S L17 AND CONSTITUTIV?\
L19 103 S L17 AND CONSTITUTIV?
L20 103 S L19 AND B CELL
L21 44 DUP REM L20 (59 DUPLICATES REMOVED)
L22 1 S L18 AND RAD51?

EAST Search History



| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L98 | 850 | hypermutation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L99 | 14 | L98 same constitutive | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L100 | 422 | target same diversif\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L101 | 105 | L100 and (immunoglobulin or "b cell") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L102 | 51 | "v gene" same "c gene" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L103 | 0 | L102 and hypermutation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L104 | 642 | "somatic hypermutation" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L105 | 642 | "somatic hypermutation" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L106 | 5 | L105 same (relativ\$3 or comparitiv\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L107 | 40 | hypermut\$4.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L108 | 37 | L107 and cell.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |

EAST Search History

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|------|-----|--|---|----|-----|------------------|
| L109 | 1 | "10/216540" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L110 | 1 | L109 and complement\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L111 | 2 | ("6146894").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L112 | 0 | L111 AND RAD51\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L113 | 0 | L111 AND XRCC? | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L114 | 0 | L111 AND MUTAGEN | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L115 | 231 | TREAT\$5 SAME MUTAGEN\$5 SAME "CELL LINE" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L116 | 1 | TREAT SAME MUTAGEN SAME "CELL LINE" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L117 | 659 | RAD51\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L118 | 124 | "CELL LINE" SAME DESIR\$5 SAME PROPERT\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L119 | 40 | L118 SAME SELECT\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L120 | 0 | L119 AND MUTAGEN | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |

EAST Search History

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|------|---|---|---|----|----|------------------|
| L121 | 1 | "10/733532" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L122 | 2 | "10/146505" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L123 | 2 | L122 and target | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L124 | 2 | L122 and immunoglobulin | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L125 | 2 | L122 and "immunoglobulin expressing" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L126 | 2 | L122 and (immunoglobulin near3 expressing) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L127 | 2 | "10/146505" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L128 | 1 | "10/216540" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L129 | 1 | L94 and complement | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L130 | 1 | L94 and complement\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L131 | 1 | "10/372730" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L132 | 1 | L131 and "human app" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |

EAST Search History

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|------|-----|--------------------------------------|---|----|-----|------------------|
| L133 | 2 | ("4798796").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L134 | 1 | L133 AND MUTAGEN | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L135 | 1 | L121 AND "GENETIC MANIPULATION" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L136 | 1 | L121 AND MUTAGEN | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L137 | 2 | "200022111" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L138 | 53 | hypermutation near5 target\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L139 | 2 | ("5371009").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L140 | 2 | "200022111" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L141 | 53 | hypermutation near5 target\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L142 | 2 | "200022111" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L143 | 14 | L86 same constitutive | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L144 | 105 | L87 and (immunoglobulin or "b cell") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |

EAST Search History

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|------|-----|--|---|----|-----|------------------|
| L145 | 51 | "v gene" same "c gene" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L146 | 5 | L92 same (relativ\$3 or comparitiv\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L147 | 20 | L86 same (relativ\$3 or comparitiv\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L148 | 40 | hypermut\$4.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L149 | 37 | L148 and cell.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L150 | 2 | ("6808901").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L151 | 15 | L104 and rad51\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L152 | 14 | L104 and xrcc? | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L153 | 2 | ("6146894").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L154 | 2 | L111 AND MUTAGENIC | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L155 | 110 | L115 SAME SELECT\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L156 | 15 | L155 SAME RAPID\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |

EAST Search History

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|------|-----|--|---|----|-----|------------------|
| L157 | 2 | ("4798796").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L158 | 68 | TREAT\$5 SAME MUTAGEN SAME "CELL LINE" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L159 | 27 | L117 SAME "CELL LINE" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L160 | 59 | "CELL LINE" SAME MUTAGEN SAME SELECT\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/09 06:44 |
| L161 | 182 | hypermutation near5 rate | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |
| L162 | 206 | L86 same rate | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/09 06:44 |